

Rabbit anti-Human, Mouse P2RY6 Polyclonal Antibody | anti-P2RY6 antibody

P2RY6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326706	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

P2RY6; Polyclonal Antibody; P2RY6 Antibody; G coupled nucleotide receptor; G protein coupled 6; MGC15335; P2 purinoceptor; P2ry6; P2RY6_HUMAN; P2Y purinoceptor 6; P2Y6; P2Y6 receptor; PP2891; Purinergic receptor P2Y6; pyrimidinergic receptor P2Y; Pyrimidinergic receptor P2Y; G protein coupled; 6; anti-P2RY6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	P2RY6 antibody detects endogenous levels of total P2RY6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	328
Applicable Applications for anti-P2RY6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human P2RY6
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Bovine, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326706 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

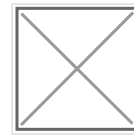


IF (Immunofluorescence)

AAA326706 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

**WB (Western Blot)**

Western blot analysis of Mouse brain lysate, using P2RY6 Antibody. The lane on the left is treated with the antigen-specific peptide.

**WB (Western Blot)**

Western blot analysis of extracts from mouse muscle, using P2RY6 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-P2RY6 antibody

Description: The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor, which is a G-protein coupled receptor, is responsive to UDP, partially responsive to UTP and ADP, and not responsive to ATP. It is proposed that this receptor mediates inflammatory responses. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Mar 2013]

Function: Receptor for extracellular UDP > UTP > ATP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

Similarity: Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	469832283
NCBI GeneID	5031
NCBI Accession #	NP_001264133.1
NCBI GenBank Nucleotide #	NM_001277204.1
UniProt Accession #	Q15077 ; Q15754
Molecular Weight	Observed: 36 kDa Predicted: 37 kDa
NCBI Official Full Name	P2Y purinoceptor 6 isoform 1
NCBI Official Synonym Full Names	pyrimidinergic receptor P2Y6
NCBI Official Symbol	P2RY6
NCBI Official Synonym Symbols	P2Y6
NCBI Protein Information	P2Y purinoceptor 6
UniProt Protein Name	P2Y purinoceptor 6
UniProt Gene Name	P2RY6
UniProt Synonym Gene Names	P2Y6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/p2ry6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326706>